## **EAST Search History**

| Ref# | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|--|---------------------|---------|---------------------|
| L2   | 350  | (417/545).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/03/04<br>12:21 |
| L3   | 1    | 2 and blood  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>12:22 |
| L4   | 0    | (417/545+).COLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/03/04<br>12:22 |
| L5   | 2258 | ((417/546) or (417/547)<br>or (417/548) or<br>(417/549) or (417/552)).<br>CCLS.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/03/04<br>12:23 |
| L6   | 0    | 5 and blood  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>12:23 |
| L7   | 0    | 5 and oral   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>12:23 |
| L11  | 2    | "417".clas. and<br>((measure or test)<br>near4 leakage) with<br>(pressure near3<br>(change or loss))               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>12:59 |
| L12  | 26   | pump and ((measure or<br>test) near4 leakage)<br>with (pressure near3<br>(change or loss))                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>13:00 |
| L13  | 1    | (pump or compressor).<br>ti. and ((measure or<br>test) near4 leakage)<br>with (pressure near3<br>(change or loss)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>13:00 |
| L14  | 99   | ((measure or test)<br>near4 leakage) with<br>(pressure near3<br>(change or loss))                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/03/04<br>13:01 |

| S1  | 8    | ("3931755"   "4343314"<br>  "5188519"  <br>"5593288"   "5848879"<br>  "6082244"  <br>"6095758"   "6168393").<br>PN.   | US-PGPUB;<br>USPAT  | OR |     | 2008/10/04<br>08:03 |
|-----|------|---|---|----|-----|---------------------|
| S2  | 2    | ((MICHIO) near2<br>(KITAHARA)).INV.   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:12 |
| S3  | 83   | ((MICHIO) near2<br>(KITAHARA)).INV.   | EPO; JPO;<br>DERWENT  | OR | OFF | 2008/10/04<br>08:13 |
| S4  | 44   | ((PAUL) near2<br>(PATTERSON)).INV.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:13 |
| S5  | 4    | ((PAUL) near2<br>(PATTERSON)).INV.  | EPO; JPO;<br>DERWENT  | OR | OFF | 2008/10/04<br>08:13 |
| S6  | 2    | S3 and piston   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/04<br>08:20 |
| S7  | 9    | (US-20050175489-\$).<br>did. or (US-6168393-\$<br>or US-6095758-\$ or US-<br>6082244-\$ or US-<br>5593288-\$ or US-<br>5593288-\$ or US-<br>4343314-\$ or US-<br>3931755-\$).did. | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:21 |
| S8  | 2    | S7 and head   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:21 |
| S9  | 5    | S7 and suction  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:22 |
| S10 | 0    | S7 and glue\$4  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:25 |
| S11 | 1    | S7 and glu\$4   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:25 |
| S12 | 2    | S7 and weld\$4  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:25 |
| S13 | 1659 | umbrella with valve   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:27 |
| S14 | 938  | S13 and pump  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:27 |
| S15 | 374  | S14 and piston  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:27 |
| S16 | 2    | (("6361290") or<br>("4770058")).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/04<br>08:48 |

| S17 | 43   | ("0665145"   "1196920"<br>  "2778534"  <br>"3134508"   "3327614"<br>  "3583605"  <br>"3816029"   "3830405"<br>  "4018545"  <br>"4479758"   "4708266"  | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2008/10/04<br>08:59 |
|-----|------|---|---------------------------|----|---|---------------------|
|     |      | "4807783"  <br>"4953754"   "4966306"<br>  "4967936"  <br>"5243897"   "5348192"<br>  "5381926"   "5476193"<br>  "5494194"  |                           |    | *************************************** |                     |
|     |      | "5524791"   "5603432"   "5615801"   "5615801"   "5676277"   "5688113"   "5725125"   "5730324"   "5797519"   "6045006"   "6065947"   "6193109"   "6273690"). PN. OR ("2005/0175489"   "6193109"   "6394773"). URPN.  |                           |    |   |                     |
| S18 | 4    | OSHI AGE.in. and piston and pump  | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/04<br>09:06 |
| S19 | 113  | (US-20050175489-\$).<br>did. or (US-6168393-\$ or US-6095758-\$ or US-<br>6082244-\$ or US-<br>5848879-\$ or US-<br>5593288-\$ or US-<br>5188519-\$ or US-<br>4343314-\$ or US-<br>3931755-\$ or US-<br>6453940-\$ or US-<br>6394773-\$ or US-<br>6193109-\$ or US-<br>4459088-\$).did. | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/05<br>14:38 |
| S20 | 0    | S19 and adhesion  | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/05<br>14:38 |
| S21 | 5    | S19 and (adhesion or weld\$4 or glu\$4)   | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/05<br>14:38 |
| S22 | 4    | S19 and tight   | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/05<br>14:41 |
| S23 | 1082 | (cylinder with head with weld\$4)   | US-PGPUB;<br>USPAT        | OR | OFF                                     | 2008/10/05<br>14:42 |

| S24 | 13  | (US-20050175489-\$).<br>did. or (US-6168393-\$)<br>or US-6095758-\$ or US-<br>6082244-\$ or US-<br>5848879-\$ or US-<br>5188519-\$ or US-<br>5188519-\$ or US-<br>4343314-\$ or US-<br>3931755-\$ or US-<br>6453940-\$ or US-<br>6394773-\$ or US-<br>6493109-\$ or US-                     | US POPUB;<br>USPAT | OR | OFF | 2008/10/06<br>18:36 |
|-----|-----|---|--------------------|----|-----|---------------------|
| S25 | 2   | S24 and projection  | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/06<br>18:36 |
| S26 | 113 | (US-20050175489-\$).<br>did. or (US-6168393-\$)<br>or US-6095758-\$ or US-<br>6082244-\$ or US-<br>5848879-\$ or US-<br>5593288-\$ or US-<br>5188519-\$ or US-<br>4343314-\$ or US-<br>3931755-\$ or US-<br>6453940-\$ or US-<br>6394773-\$ or US-<br>6193109-\$ or US-<br>4459088-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/06<br>23:23 |
| S27 | 8   | S26 and turn\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/06<br>23:23 |

## 3/4/2009 1:24:15 PM

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